

An aerial photograph of a wildfire at night. The fire is a bright, glowing orange and yellow line, curving through a dark landscape. Thick, black smoke billows upwards from the fire, filling the upper half of the frame. The overall scene is dramatic and intense.

NPS EFFECTS OF FIRE ON IDAHO WILDERNESS STREAMS: A Long-term Perspective

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IDAHO

WESTERN UNITED STATES

WILDERNESS FIRE EFFECTS

Episodic

Patchy

Rapid Recovery

Temporal Sequence of Fire Effects on Streams

- Immediate (Hours to Days)
- Short-term (Days to Months)
- Mid-term (Months to Years)
- Long-term (Tens to Hundreds of Years)

Effects of Fire on Stream Ecosystems

- Immediate (Hours to Days)
 - Heat
 - Smoke
 - Ash
- Short-term
- Mid-term
- Long-term



PRE-FIRE: Heavy Shading



POST-FIRE: Maximum Light

